

# COMPLETE RESEARCH PUBLICATION LIST OF WANG, PAO K.

## 王寶貫完整研究著作目錄

### BOOKS

1. Wang, Pao K., 2002: Ice Microdynamics. *Academic Press*, 273pp.
2. Wang, Pao K., 2013: Physics and Dynamics of Clouds and Precipitation. *Cambridge University Press*, 467pp.
3. Wang, Pao K., 2021: Motions of Ice Hydrometeors in the Atmosphere Numerical Studies and Implications. *Springer Nature*, 176 pp. (ISBN 978-981-334-431-0)

### BOOK CHAPTERS

1. Wang, Pao K., 1985: Air Pollutant Measurements. Chap. 22 in *Handbook of Applied Meteorology*, Houghton, D. D., ed., *Wiley Interscience*, 667-678.
2. Wang, Pao K. and Zhang, De'er, 1991: Reconstruction of the 18th Century Precipitation of Nanjing, Suzhou, and Hangzhou using the Clear and Rain Records. in *Climate Since 1500 AD*, Bradley R. S. and Jones, P. D., Eds., *Routledge, London*, 184-209.
3. Winkler, M. and Wang, Pao K., 1994: The late Pleistocene and Holocene climate of China: A Review of Biogeologic Evidence and a Comparison with GCM Climate Simulations. in *Global Climates Since Last Glacial Maximum*, Wright et al., eds, *Univ. of Minnesota Press*, 221-264.
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5. Wang, Pao K., 2004: Atmospheric Water Vapor. *McGraw-Hill Year Book of Science & Technology, 2004*, 14-16. McGraw-Hill.
6. Wang, Pao K., 2005: Isentropic Modeling of Atmospheric Motions. in *2005 Yearbook of Science and Technology*, McGraw-Hill (in press)
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1. Wang, Pao K. and Pruppacher, H. R., 1977a: Acceleration to Terminal Velocity of Cloud and Rain Drops. *J. Appl. Meteor.*, 16, 275-280.
2. Wang, Pao K. and Pruppacher, H. R., 1977b: An Experimental Determination of the Efficiency with which Aerosol Particles Are Collected by Water Drops in Subsaturated Air. *J. Atmos. Sci.*, 34, 1664-1669.
3. Wang, Pao K., Grover S. N. and Pruppacher, H. R., 1978: On the Effect of Electric Charges on the Scavenging of Aerosol Particles by Cloud and Small Rain Drops. *J. Atmos. Sci.*, 35, 1735-1743.
4. Wang, Pao K., 1979a: Particular Solutions to the Steady-state Diffusion Equation and their Application to Aerosol Scavenging Problems. *Papers Meteor. Res.*, 2, 37-42.
5. Wang, Pao K., 1979b: Meteorological Records from Ancient Chronicles of China. *Bull. Amer. Meteor. Soc.*, 60, 313-317.
6. Martin, J. J., Wang, Pao K. and Pruppacher, H. R., 1980a: On the Efficiency with Which Aerosol Particles of Radius Larger than 0.1 Micron are Collected by Simple Ice Plates. *Pure Appl. Geophys.*, 118, 1109-1129.
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